

Data File : BG036614.D
Acq On : 8 Sep 2018 2:46
Operator : JU/SJ
Sample : J4798-17RE
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
090418-TIPC-E-D-M

Quant Time: Sep 08 04:18:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 31 13:03:20 2018
Response via : Initial Calibration

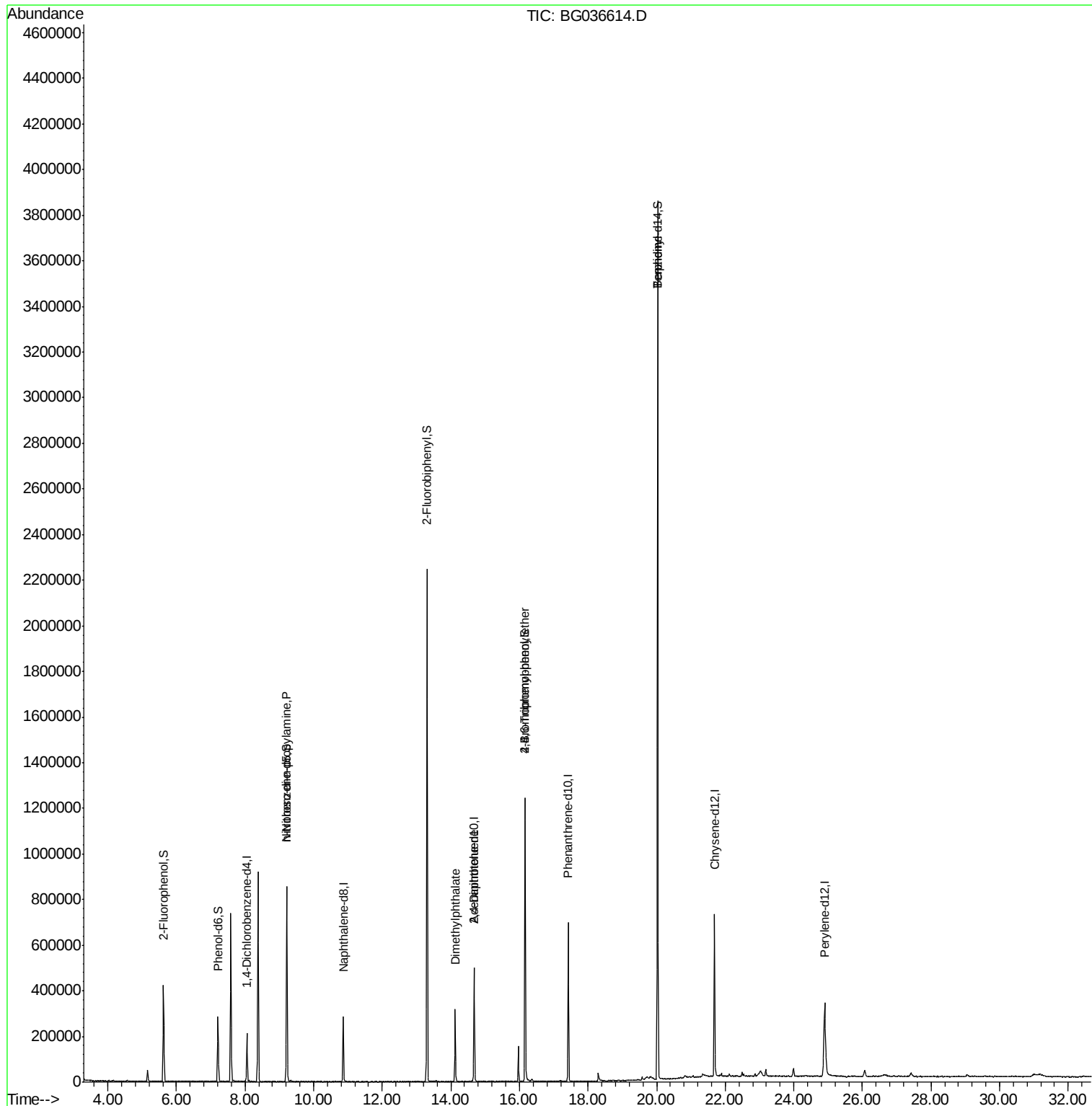
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	59025	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	247057	20.00	ng	0.00
38) Acenaphthene-d10	14.68	164	174392	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	435407	20.00	ng	0.00
75) Chrysene-d12	21.69	240	438444	20.00	ng	0.00
86) Perylene-d12	24.89	264	419291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	181136	48.68	ng	0.00
7) Phenol-d6	7.21	99	164597	30.90	ng	0.00
23) Nitrobenzene-d5	9.22	82	517926	113.74	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	240986	115.81	ng	0.00
44) 2-Fluorobiphenyl	13.31	172	1186113	97.11	ng	0.00
78) Terphenyl-d14	20.03	244	1788294	95.33	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	9.22	70	68187	17.126	ng	# 70
49) Dimethylphthalate	14.13	163	221451	15.551	ng	100
56) 2,4-Dinitrotoluene	14.68	165	23088	6.046	ng	# 19
66) 4-Bromophenyl-phenylether	16.16	248	17907	3.513	ng	# 1
76) Benzidine	20.03	184	31027	2.218	ng	# 93

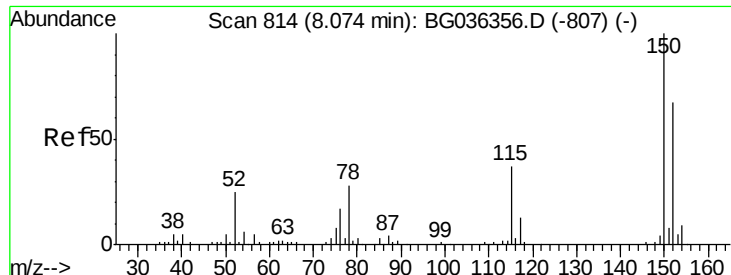
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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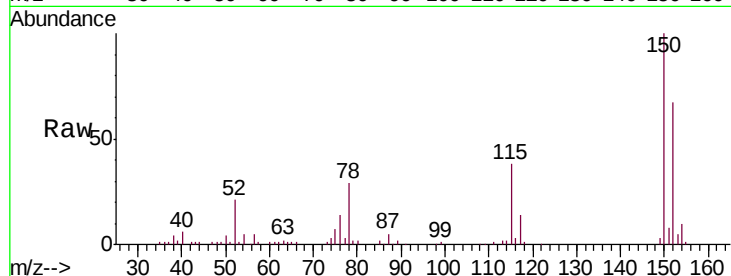




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.05 min Scan# 811
 Delta R.T. -0.01 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 090418-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	56.8	44.5	66.7

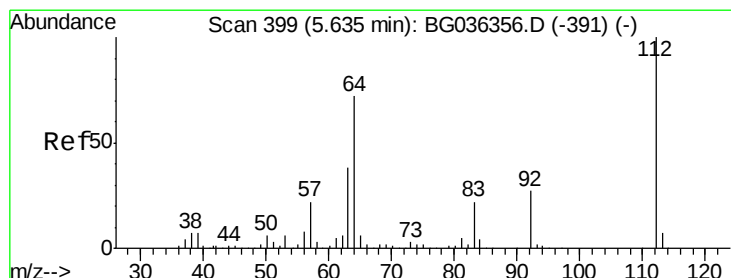
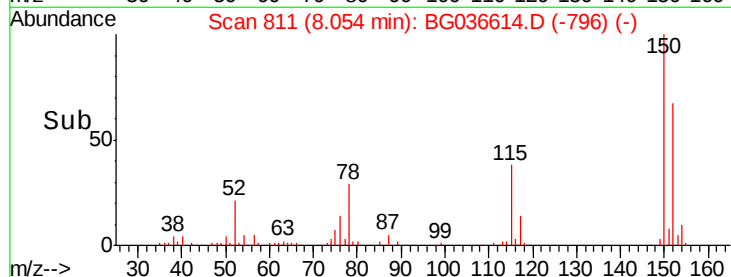
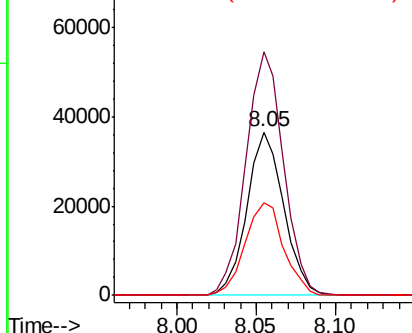


Abundance

Ion 152.00 (151.70 to 152.70): E

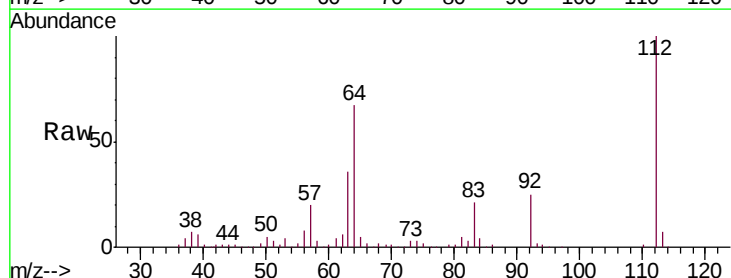
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 48.680 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	57.2	85.8
63	35.9	30.8	46.2

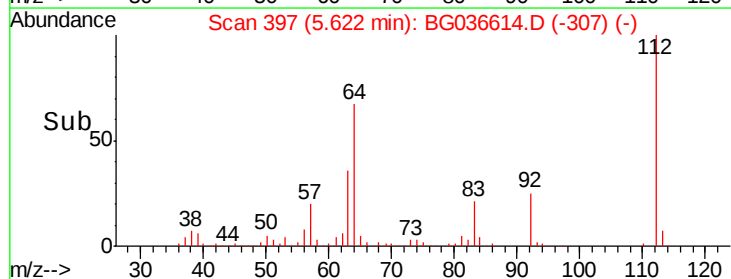
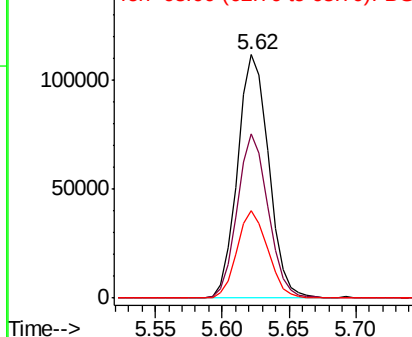


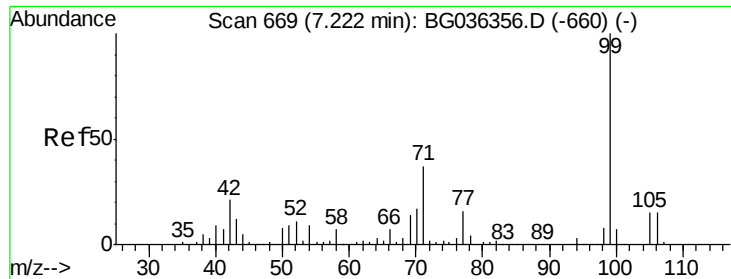
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 30.896 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036614.D

Acq: 8 Sep 2018 2:46

Instrument :

BNA_G

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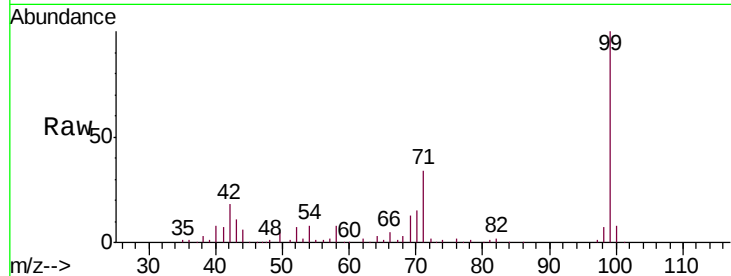
Tgt Ion: 99 Resp: 164597

Ion Ratio Lower Upper

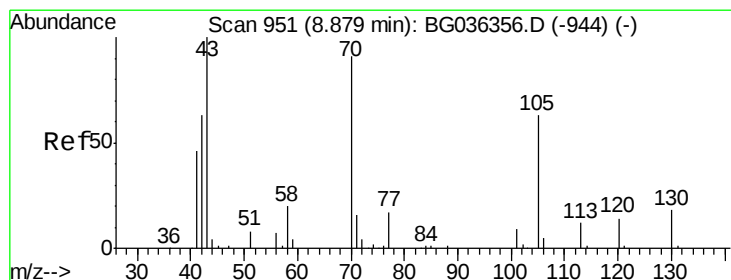
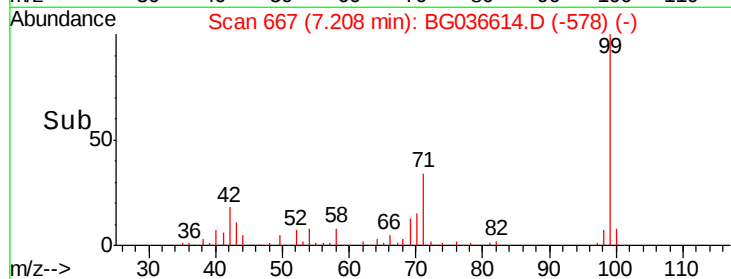
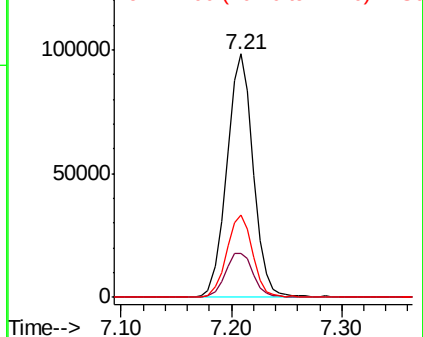
99 100

42 17.9 16.5 24.7

71 33.6 29.4 44.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#19

n-Nitroso-di-n-propylamine

Concen: 17.126 ng

RT: 9.22 min Scan# 1009

Delta R.T. 0.36 min

Lab File: BG036614.D

Acq: 8 Sep 2018 2:46

Tgt Ion: 70 Resp: 68187

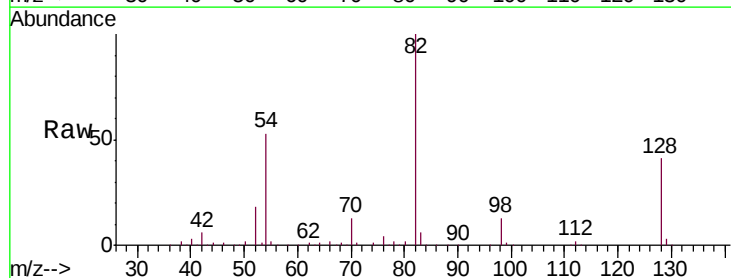
Ion Ratio Lower Upper

70 100

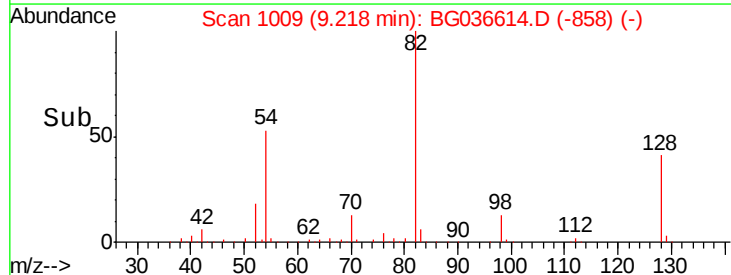
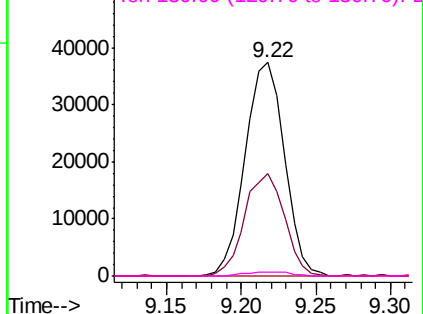
42 48.1 56.2 84.4#

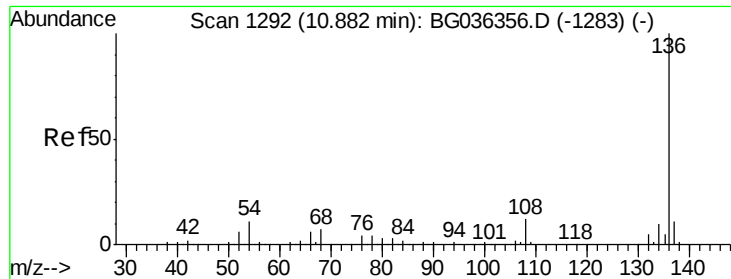
101 0.0 7.8 11.6#

130 1.8 16.2 24.2#



Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

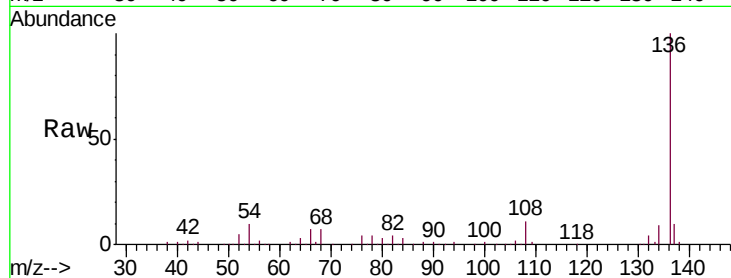




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.86 min Scan# 1288
Delta R.T. -0.01 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Instrument :
BNA_G
ClientSampleId :
090418-TIPC-E-D-M

Tgt Ion:	136	Resp:	247057
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.7	9.2	13.8
68	6.7	5.8	8.6



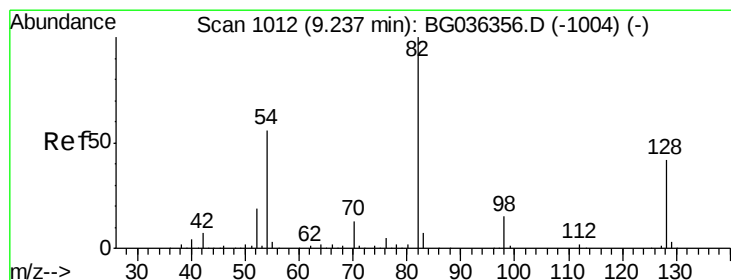
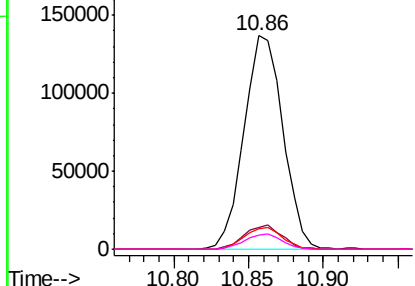
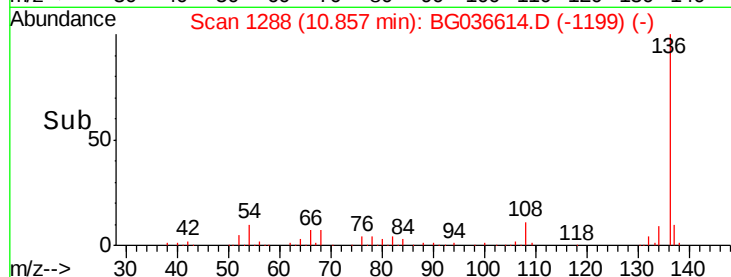
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

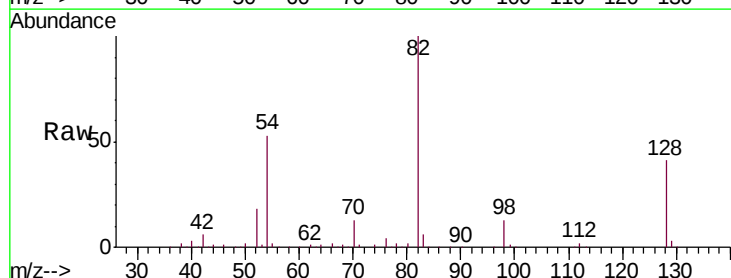
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#23
Nitrobenzene-d5
Concen: 113.743 ng
RT: 9.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Tgt Ion:	82	Resp:	517926
Ion	Ratio	Lower	Upper
82	100		
128	41.0	33.3	49.9
54	53.4	45.1	67.7

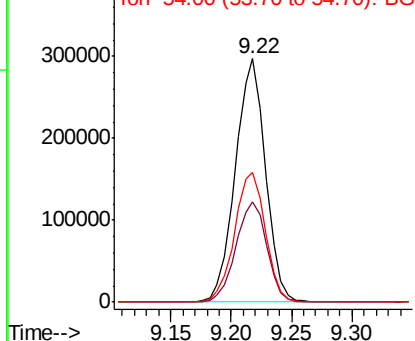
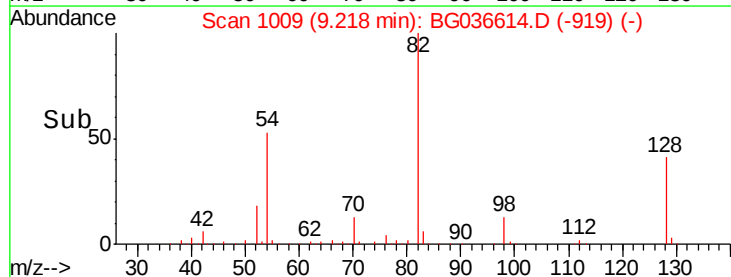


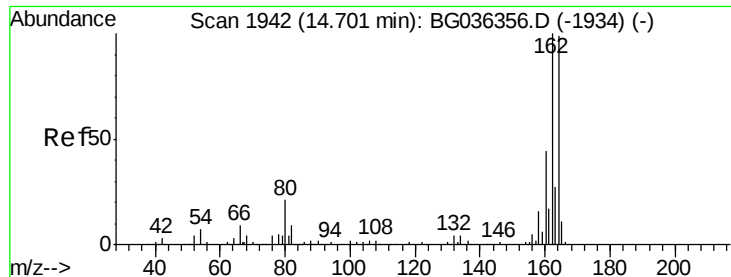
Abundance

Ion 82.00 (81.70 to 82.70): BGC

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.68 min Scan# 1938

Delta R.T. -0.01 min

Lab File: BG036614.D

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Instrument :

BNA_G

ClientSampleId :

090418-TIPC-E-D-M

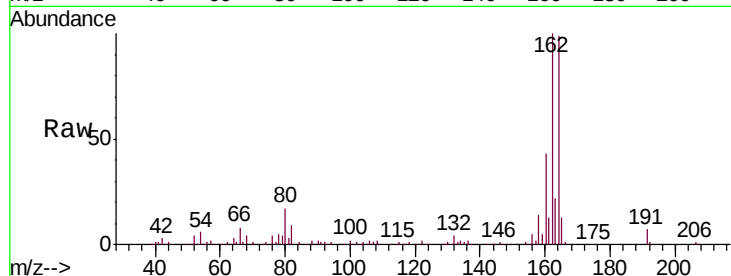
Tgt Ion:164 Resp: 174392

Ion Ratio Lower Upper

164 100

162 101.0 80.7 121.1

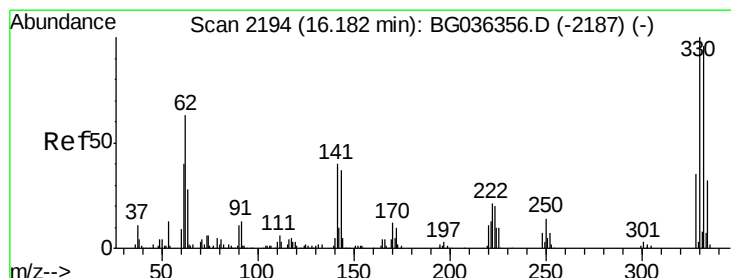
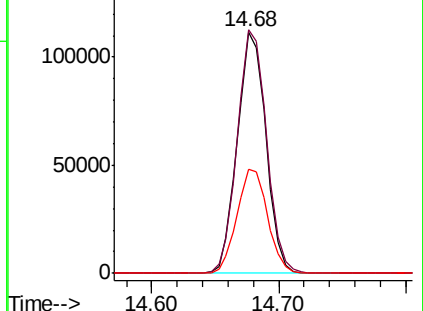
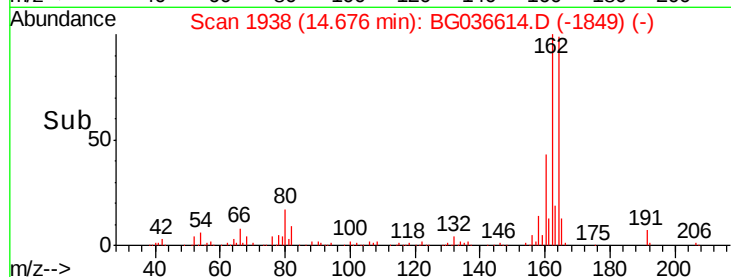
160 43.1 35.3 52.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 115.809 ng

RT: 16.17 min Scan# 2192

Delta R.T. -0.00 min

Lab File: BG036614.D

Acq: 8 Sep 2018 2:46

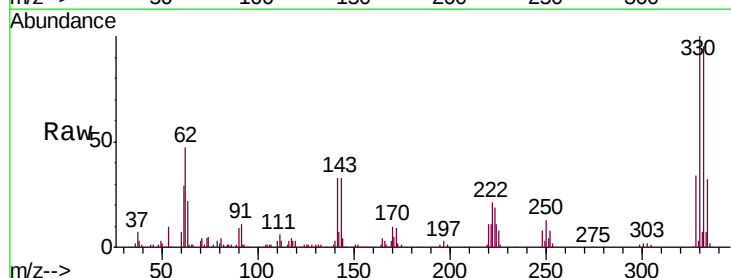
Tgt Ion:330 Resp: 240986

Ion Ratio Lower Upper

330 100

332 97.6 75.4 113.2

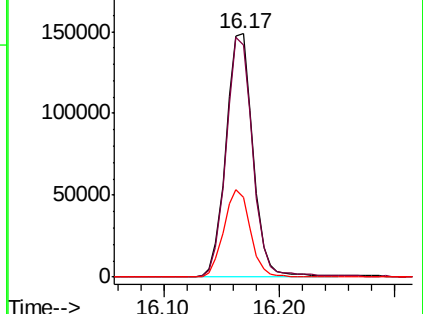
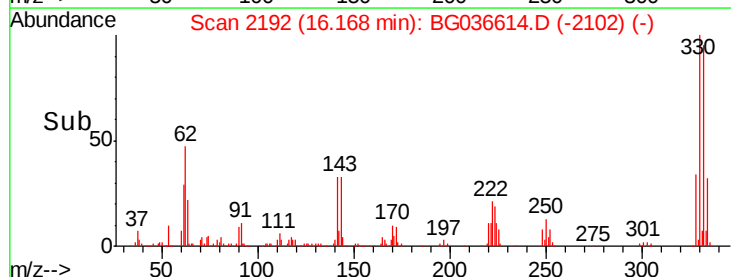
141 35.8 30.7 46.1

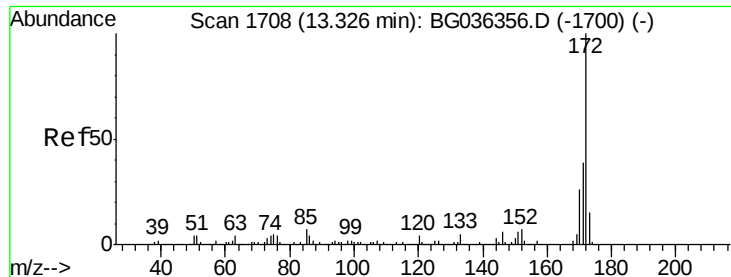


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

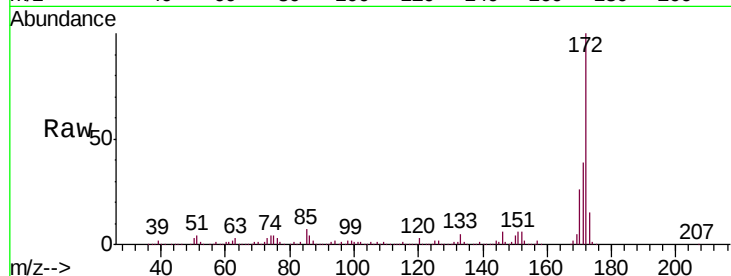




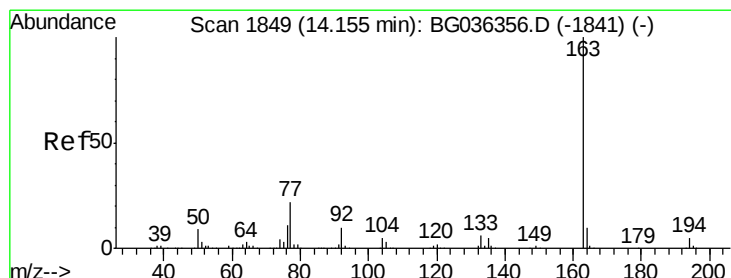
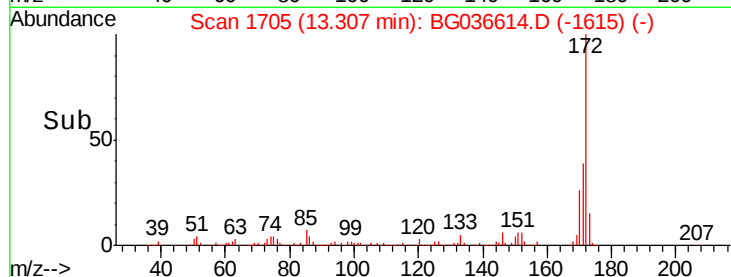
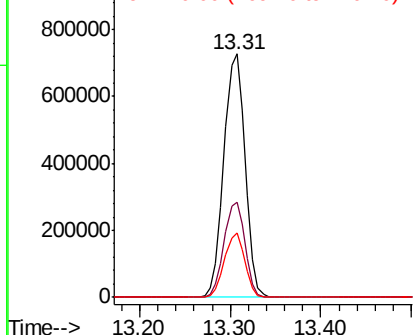
#44
2-Fluorobiphenyl
Concen: 97.112 ng
RT: 13.31 min Scan# 1705
Delta R.T. -0.00 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Instrument :
BNA_G
ClientSampleId :
090418-TIPC-E-D-M

Tgt Ion:172 Resp: 1186113
Ion Ratio Lower Upper
172 100
171 38.8 31.3 46.9
170 26.2 21.0 31.6

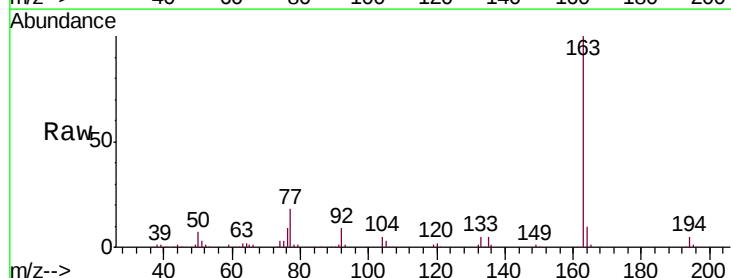


Abundance Ion 172.00 (171.70 to 172.70): E
1000000 Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

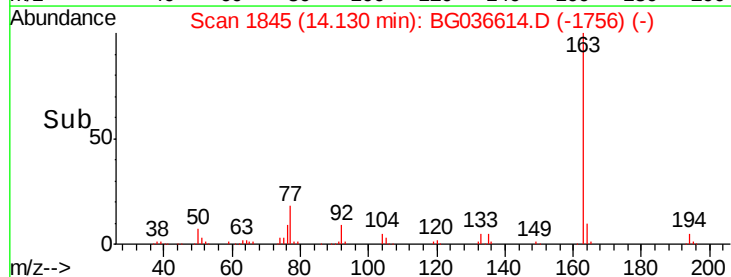
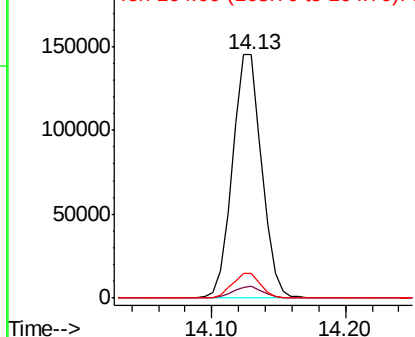


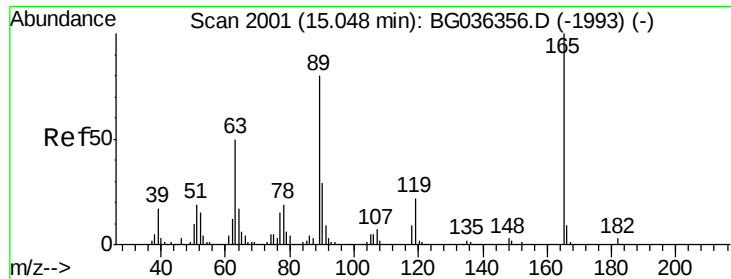
#49
Dimethylphthalate
Concen: 15.551 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036614.D
Acq: 8 Sep 2018 2:46

Tgt Ion:163 Resp: 221451
Ion Ratio Lower Upper
163 100
194 5.0 4.0 6.0
164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
200000 Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

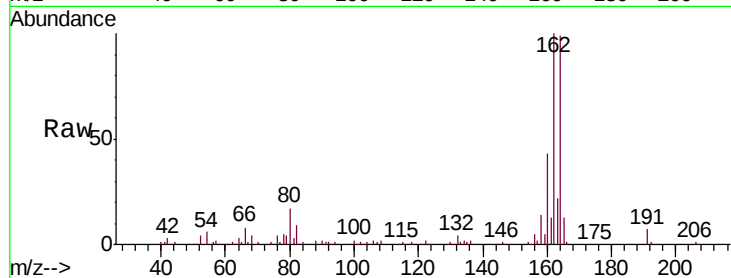




#56
 2,4-Dinitrotoluene
 Concen: 6.046 ng
 RT: 14.68 min Scan# 1938
 Delta R.T. -0.36 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Instrument :
 BNA_G
 ClientSampleId :
 090418-TIPC-E-D-M

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.6	40.1	60.1#
89	0.0	63.7	95.5#
182	0.0	2.5	3.7#



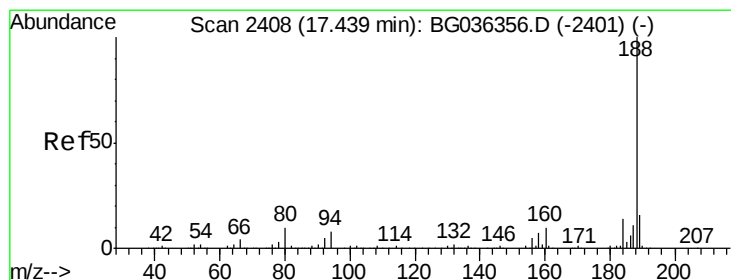
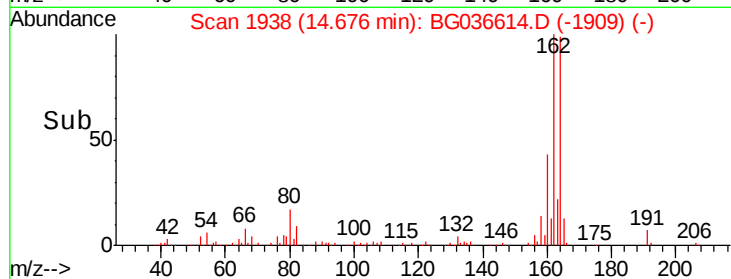
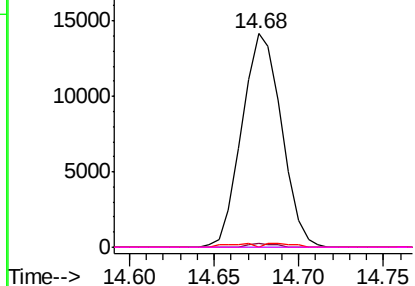
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.42 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BG036614.D
 Acq: 8 Sep 2018 2:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.7	10.1
80	9.3	8.1	12.1

Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

